Diagnostic Engineer (H)

Job Information

Recruiter
Izumi Network Yugen Kaisha

Job ID
1615902

Industry
Automobile and Parts

Job Type
Permanent Full-time

Location
Saitama Prefecture, Ageo-shi

Salary
7 million yen ~ 8 million yen

Refreshed
November 13th, 2026 08:00

General Requirements

Minimum Experience Level
Over 3 years

Career Level
Mid Career

Minimum English Level
Business Level

Minimum Japanese Level
Daily Conversation Level

Minimum Education Level
Bachelor's Degree

Visa Status
Permission to work in Japan required

Job Description

Key Responsibilities

- Conduct in-vehicle verification and validation (V&V) of software features before market release.
- Prepare, execute, and document vehicle test activities according to validation plans.
- Monitor vehicle behavior during testing and identify software, communication, and system-related issues.
- Analyze diagnostic trouble codes (DTCs), perform root cause investigation, and troubleshoot issues directly on the vehicle.
- Collect, analyze, and interpret vehicle logs and diagnostic data.
- Create detailed defect reports and upload findings, logs, and test evidence to project tracking systems
- Collaborate with software, systems, and hardware engineering teams to support issue resolution and validation activities.
- Verify corrective actions and perform regression testing to ensure issue closure.
- Support validation activities related to ADAS, powertrain, engine control, and other vehicle electronic functions.
- Ensure compliance with project schedules, quality standards, and release requirements.

Required Skills

Required Qualifications

- 3+ years of experience in vehicle testing, validation, or in-vehicle troubleshooting within the automotive industry.
- Strong understanding of vehicle functions and automotive Electrical & Electronic (E&E) architecture.
- Proven experience analysing and troubleshooting Diagnostic Trouble Codes (DTCs).
- Deep knowledge of automotive communication protocols, including: CAN (Controller Area Network), UDS (Unified

Diagnostic Services)
- Experience using diagnostic and logging tools such as CANalyzer, CANoe, Vector tools, or equivalent.
- Familiarity with defect tracking and test reporting processes.
- Strong analytical and problem-solving skills with a systematic troubleshooting approach.
- Excellent communication and teamwork skills.
- Business level English and conversational Japanese (N4+)

Preferred Qualifications

- Experience with ADAS validation and diagnostics.
- Knowledge of engine control systems, powertrain electronics, and vehicle network architectures.
- Understanding of automotive software development and validation processes.
- Experience working in a cross-functional and multicultural engineering environment.
- Ability to analyze complex vehicle-level issues and drive resolution with development teams.

Company Description